

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

In-Hwan Oh

Title:

Zero-Voltage-Switching Single-Switched Resonant DC Link  
with Minimized Conduction Loss

Application No.:

10/691,734

Filing Date:

October 22, 2003

Examiner:

Gary L. Laxton

Group Art Unit::

2838

Confirmation No.:

7776

Law Office:

Sidley Austin Brown & Wood LLP

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Examiner Laxton:

Pursuant to 37 C.F.R. § 1.56, § 1.97 and § 1.98, Applicant wishes to call the following documents (copies enclosed) to the attention of the Examiner for the above-identified patent application.

A form PTO-1449 listing these documents is enclosed.

Citation of the above documents shall not be construed as:

1. an admission that the documents are necessarily prior art with respect to the instant invention;
2. a representation that a search has been made; or

3. an admission that the information listed herein is, or is considered to be, material to patentability as defined in § 1.56(b).

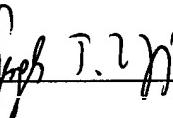
This information disclosure statement is submitted under 37 C.F.R. § 1.97(c). Please charge Deposit Account No. 50-1597 in the amount of \$180.00 for the Information Disclosure Statement fee under 37 C.F.R. § 1.17(p). The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1597. This paper is being submitted in duplicate to facilitate Deposit Account payment.

**EXPRESS MAIL LABEL NO.:**

Respectfully submitted,

**EV 305 258 090 US**

By:



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September 21, 2004

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Sheet 1 of 1

| U.S. Department of Commerce, Patent and Trademark Office   |     |  |                  | Atty Docket No.       | Application No. |          |                            |
|--|-----|--|------------------|-----------------------|-----------------|----------|----------------------------|
|  |     |  |                  | 24317/82301           | 10/691,734      |          |                            |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT  |     |  |                  | Applicant: In-Hwan Oh |                 |          |                            |
| (Use several sheets if necessary)  |     |  |                  | Filing Date           |                 | Group    |                            |
|  |     |  |                  | October 22, 2003      |                 | 2838     |                            |
| <b>U.S. Patent Documents</b>   |     |  |                  |                       |                 |          |                            |
| *Examiner Initial  |     | Document Number  | Date             | Name                  | Class           | Subclass | Filing Date If Appropriate |
|  | 1.  | 4,489,373  | Dec. 18, 1984    | du Parc               |                 |          |                            |
|  | 2.  | 4,561,046  | Dec. 24, 1985    | Kuster                |                 |          |                            |
|  | 3.  | 4,785,387  | Nov. 15, 1988    | Lee et al.            |                 |          |                            |
|  | 4.  | 5,055,991  | Oct. 8, 1991     | Carroll et al.        |                 |          |                            |
|  | 5.  | 5,260,607  | Nov. 9, 1993     | Kinbara               |                 |          |                            |
|  | 6.  | 5,351,179  | Sep. 27, 1994    | Tsai et al.           |                 |          |                            |
|  | 7.  | 5,379,206  | Jan. 3, 1995     | Davidson              |                 |          |                            |
|  | 8.  | 5,396,410  | Mar. 7, 1995     | Okochi et al.         |                 |          |                            |
|  | 9.  | 5,621,623  | Apr. 15, 1997    | Kuriyama et al.       |                 |          |                            |
|  | 10. | 5,633,579  | May 27, 1997     | Kim                   |                 |          |                            |
|  | 11. | 5,636,114  | Jun. 3, 1997     | Bhagwat et al.        |                 |          |                            |
|  | 12. | 5,694,302  | Dec. 2, 1997     | Faulk                 |                 |          |                            |
|  | 13. | 5,703,763  | Dec. 30, 1997    | Smeets                |                 |          |                            |
|  | 14. | 6,069,803  | May 30, 2000     | Cross                 |                 |          |                            |
|  | 15. | 6,115,271  | Sep. 5, 2000     | Mo                    |                 |          |                            |
|  | 16. | 6,130,826  | Oct. 10, 2000    | Matsumoto             |                 |          |                            |
|  | 17. | 6,233,165  | May 15, 2001     | Iriissou et al.       |                 |          |                            |
|  | 18. | 6,314,002  | Nov. 6, 2001     | Qian et al.           |                 |          |                            |
| <b>OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>  |     |  |                  |                       |                 |          |                            |
|  | 19. | Chuanwen Ji et al., "Cross Regulation in Flyback Converters: Solutions," Dept. of Electrical & Computer Engineering University of California, Irvine, 7 pages. |                  |                       |                 |          |                            |
|  | 20. | G. Spiazzi et al., "A Low-Loss High-Power-Factor Flyback Rectifier Suitable for Smart Power Integration," 2000 IEEE, 6 pages.                                  |                  |                       |                 |          |                            |
|  | 21. | Nigel Machin et al., "New Lossless Clamp for Single Ended Converters," Rectifier Technologies Pacific, 5 pages.  |                  |                       |                 |          |                            |
| Examiner:  |     |  | Date Considered: |                       |                 |          |                            |
| <p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.</p> |     |  |                  |                       |                 |          |                            |